



STEVENS COUNTY LAND SERVICES

CONSTRUCTION DESIGN DATA FOR STEVENS COUNTY, WASHINGTON

2015 INTERNATIONAL BUILDING CODES AS AMENDED BY WASHINGTON STATE

ENERGY CODE (Stevens County is Climate Zone 5B)

SNOW LOAD: BUILDINGS MUST BE DESIGNED USING A **MINIMUM ROOF LIVE LOAD OF 40 POUNDS**. GREATER LIVE LOADS IN HIGHER SNOW ACCUMULATION AREAS MAY BE USED AS REFERENCED IN "SNOW LOAD ANALYSIS FOR WASHINGTON" AS PUBLISHED BY STRUCTURAL ENGINEERS ASSOC. OF WASHINGTON IN DECEMBER 1981.

AREA	ELEVATION	ROOF LIVE LOAD
BOUNDARY (AT CANADIAN BORDER)	1400	45#
NORTHPORT	1328	45#
KETTLE FALLS	1625	40#
COLVILLE	1610	40#
CHEWELAH	1671	40#
49° NORTH SKI AREA	3500	85# *
HUNTERS	1560	40#
SPRINGDALE	2070	50# *
LOON/DEER LAKE	2478	50# *
WELLPINIT (ON SPOKANE INDIAN RESERVATION)	2400	50# *

* RECOMMENDED ROOF LIVE LOADS IN POTENTIALLY HIGHER SNOW ACCUMULATION AREAS PER 'SNOW LOAD ANALYSIS FOR WASHINGTON' BY SEAW.

FROST PROTECTION DEPTH: 30 INCHES TO BOTTOM OF FOOTING

WIND LOAD: 85 MPH WITH 3 SECOND GUSTS (WIND EXPOSURE B IS MOST COMMON)

SEISMIC DESIGN CATEGORY: STEVENS COUNTY IS IN TWO SEISMIC ZONES. IT IS DIVIDED BY A LINE ANGLED BETWEEN HUNTERS ON THE WEST BORDER THROUGH CHEWELAH, TO THE EASTERN BORDER OF THE COUNTY, NORTH OF FLOWERY TRAIL ROAD

SEISMIC ZONE B	NORTH OF LINE
SEISMIC ZONE C	SOUTH OF LINE

PLEASE GIVE US A CALL IF YOU HAVE QUESTIONS.

September 2016 STEVENS COUNTY CONSTRUCTION DESIGN DATA

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